| Ref<br># | Hits   | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|--|---|---------------------|---------|------------------|
| L5.      | 0      | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20070104"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/10 15:23 |
| L6       | . 1    | (714/5.ccls. and<br>@ad<="20011107") and<br>@pd>="20070104"                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/10 15:23 |
| L7       | 0      | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20070104"                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/05/10 15:24 |
| S1       | 18     | (CAMPBELL-RALPH-B<br>THOMAS-SUSHIL BYRNE-MICHAEL-J<br>SUNDARARAJAN-JAYADEVI).in. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/09/23 14:54 |
| S2 _     | 204    | 714/54.ccls. and @ad<="20011107"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/01/05 14:53 |
| S3       | 225    | 714/20.ccls. and @ad<="20011107"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/01/05 14:48 |
| S4       | 521    | 714/5.ccls. and @ad<="20011107"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/09/27 08:41 |
| S5       | 85     | (714/5.ccls. and<br>@ad<="20011107") and log                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/01/05 14:47 |
| S6       | 720917 | log\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2004/09/27 09:31 |

| S7        | 11575 | log\$3 and file adj system  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/09/27 09:42 |
|-----------|-------|---|---|----|------|------------------|
| <b>S8</b> | 8497  | (log\$3 and file adj system) and (fault or failure or error or crash)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2004/09/27 09:43 |
| S9        | 3130  | ((log\$3 and file adj system) and<br>(fault or failure or error or crash) )<br>and (recover or recovery)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/09/27 09:44 |
| S10       | 995   | (((log\$3 and file adj system) and<br>(fault or failure or error or crash) )<br>and (recover or recovery)) and<br>non-volatile  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/09/27 09:45 |
| S11       | 983   | ((((log\$3 and file adj system) and<br>(fault or failure or error or crash) )<br>and (recover or recovery)) and<br>non-volatile) and operation                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/09/27 09:45 |
| S12       | 644   | (((((log\$3 and file adj system) and (fault or failure or error or crash) ) and (recover or recovery)) and non-volatile) and operation) and buffer                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/09/27 09:45 |
| S13       | 451   | ((((((log\$3 and file adj system) and (fault or failure or error or crash)) and (recover or recovery)) and non-volatile) and operation) and buffer) and @ad<="20011107" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2004/09/27 09:46 |
| S14       | 2     | (714/5.ccls. and<br>@ad<="20011107") and log and<br>@pd>="20040927"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/06/17 08:26 |
| S15       | 3     | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20040927"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/06/17 08:34 |
| S16       | 3     | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20040927"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2005/06/17 08:36 |

| S17 | 8   | (714/5.ccls. and<br>@ad<="20011107") and log and<br>@pd>="20050115" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/06/17 10:40 |
|-----|-----|---|---|------|----|------------------|
| S18 | 5   | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20050115"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/06/17 10:41 |
| S19 | 8   | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20050115"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/06/17 10:41 |
| S20 | 69  | log with failover   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/06/17 08:43 |
| S21 | 28  | S20 and @ad<="20011107"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2005/06/17 08:43 |
| S22 | 8   | (714/5.ccls. and @ad<="20011107") and log and @pd>="20050105"       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/08 13:10 |
| S23 | 6   | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20050105"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/08 13:11 |
| S24 | 9   | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20050105"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/08 13:12 |
| S25 | 6   | (714/5.ccls. and<br>@ad<="20011107") and<br>@pd>="20050617"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/08 13:12 |
| S26 | . 2 | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20050617"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/10/05 15:18 |

| S27 | 2  | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20050617"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2005/10/05 15:19 |
|-----|----|---|---|------|----|------------------|
| S28 | 0  | (714/5.ccls. and<br>@ad<="20011107") and log and<br>@pd>="20051005" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/12/08 13:11 |
| S29 | 1  | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20051005"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/05/17 10:50 |
| S30 | 3  | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20051005"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/05/17 10:51 |
| S31 | 0  | (714/5.ccls. and<br>@ad<="20011107") and<br>@pd>="20051005"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/05/17 10:45 |
| S32 | 10 | (714/5.ccls. and @ad<="20011107") and @pd>="20051208"               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/09/01 14:52 |
| S33 | 1  | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20051208"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/09/01 14:53 |
| S34 | 4  | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20051208"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/09/01 15:08 |
| S35 |    | (714/5.ccls. and<br>@ad<="20011107") and<br>@pd>="20060517"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/04 09:08 |
| S36 | 2  | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20060517"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/01/04 09:09 |

| S37 | 0 | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20060517"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/04 09:09 |
|-----|---|---|---|----|----|------------------|
| S38 | 1 | (714/5.ccls. and<br>@ad<="20011107") and<br>@pd>="20060901" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/10 15:23 |
| S39 | 0 | 714/20.ccls. and @ad<="20011107"<br>and @pd>="20060901"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/10 15:23 |
| S40 | 1 | 714/54.ccls. and @ad<="20011107"<br>and @pd>="20060901"     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/10 15:24 |